

PUBLIC NOTICE
PERMIT APPLICATION: NRS #06.214

APPLICANT: TDOT

505 Deaderick Street
Suite 900 James K Polk Bldg.
Nashville, TN 37243-0339
(615) 253-2477

LOCATION: SR 14 -Shelby/Tipton Co. Line to 1400 ft. West of Sadler Rd.
Site Lat.35.4091° Long. –89.7116°
Idaville, Tipton County

WATERSHED DESCRIPTION: The project is located in the Loosahatchie (HUC 08010209) watershed. Land use surrounding the project is residential and agricultural. Two streams, Hebron Branch and another tributary to West Beaver Creek Canal, and one wetland will be impacted by this project. These streams flow on a soil and gravel substrate with wooded riparian zone in the project area. The wetland is located in a swale and is dominated by willow and sycamore trees, a wet weather conveyance runs through this wetland and under SR 14.

West Beaver Creek has been assessed as impaired for low dissolved oxygen, phosphate, loss of biological integrity due to siltation, physical substrate habitat alteration. USGS Topo Quad: Brighton, TN (415-NW):

PROJECT DESCRIPTION: This application is for aquatic resource alterations along a 2.292-mile segment of SR 14, beginning at the Shelby/Tipton County Line, Station 770+50.00.

Proposed for Stream 1, Hebron Branch Station 789+39.24, Lat. 35.4091° Long. – 89.7116° is a 109 ft extension of the existing 103ft 6' x 5' box culvert with 25ft of riprap at the outlet. Of this extension, 24ft would be to the left (downstream) and 85 to the right (upstream), total encapsulation to be 212 ft. Proposed mitigation for this impact is \$48,600 to the Tennessee Stream Mitigation Program (TSMP).

Proposed for Stream 2, Station 840+40, Lat. 34.4180° Long. –89.6984° is the replacement of the existing 90ft, 60in concrete pipe with a 192ft, 7ft x 6ft box culvert with a 20ft concrete apron and 30 ft of riprap at the outlet. Proposed structure length is 212 ft with approximately 11ft of stream length loss. Proposed mitigation for this impact is \$44,600 to the TSMP.

For the wetland, Station 869+09Rt to Station 872+18Rt, Lat. 35.4235° Long. –89.6901° the entire wetland, 0.239 acres, is to be filled. As mitigation for this lost resource, 0.96 credits are to be debited from the Obion Wetland Mitigation Bank, a 4:1 ratio.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the Division has determined that the proposed activity will not result in degradation.

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying.

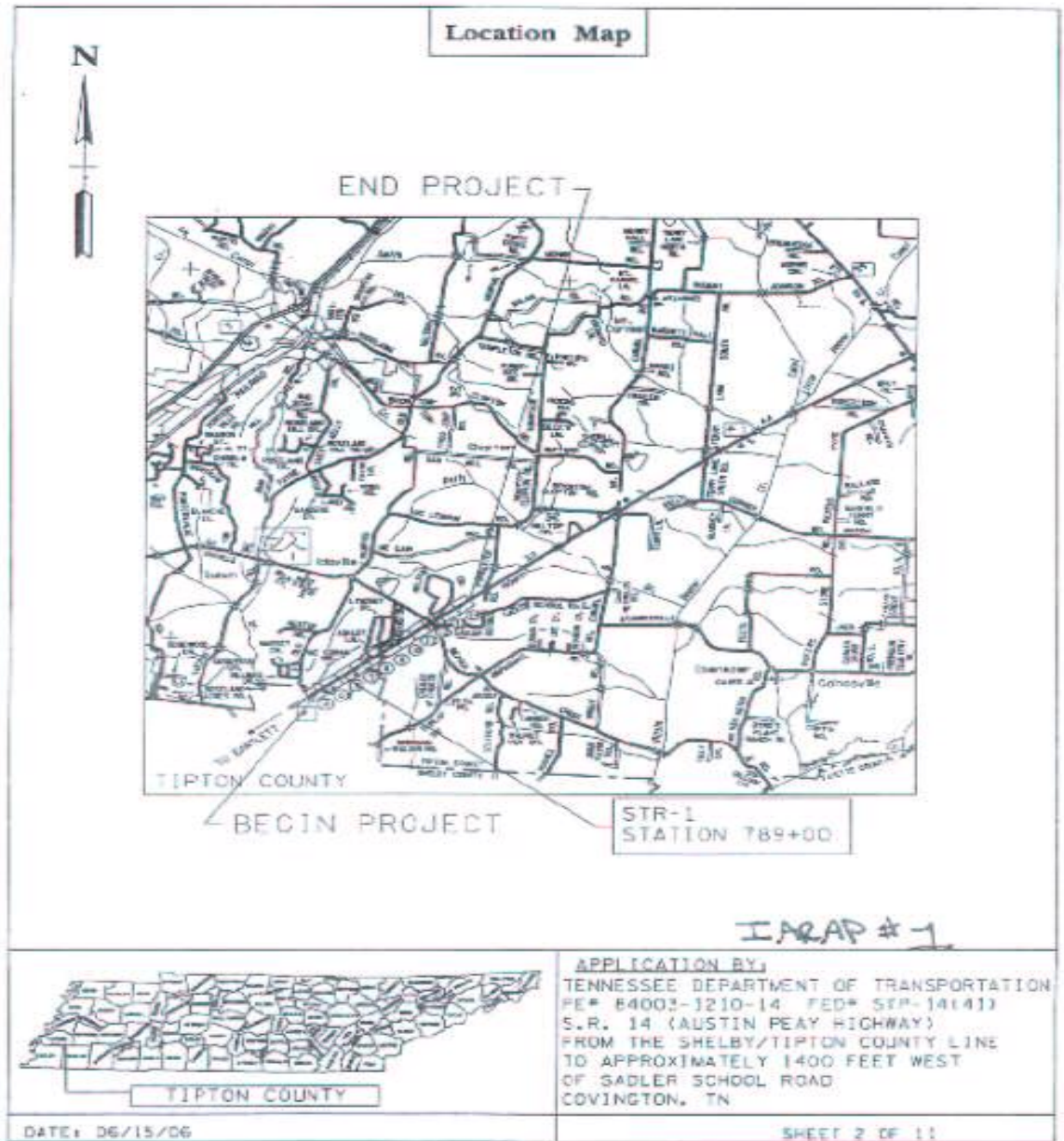
The department's address is:

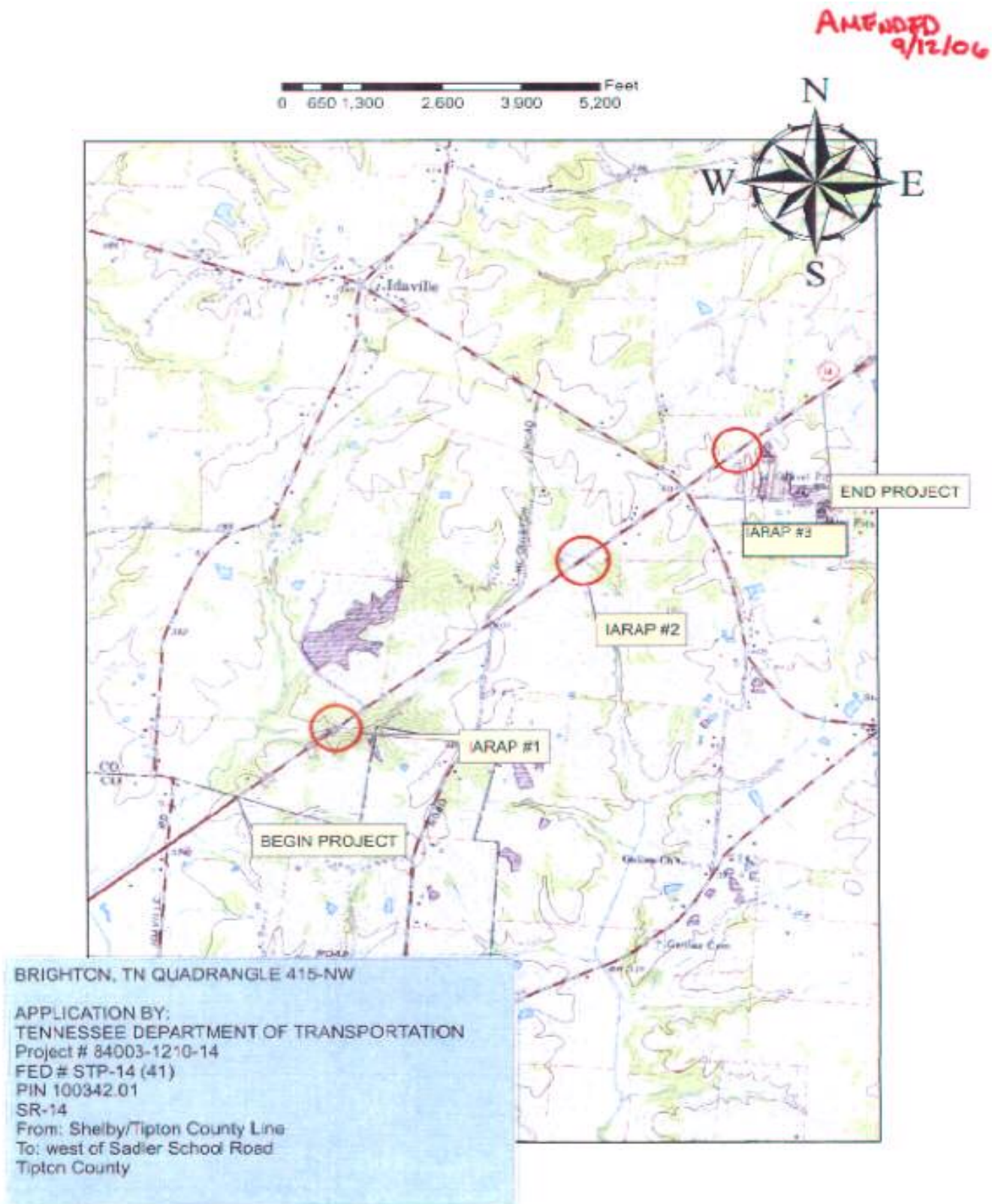
Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.

PERMIT COORDINATOR: Judy Manners

MAP:





PHOTOS:



Photo 1: Stream 1 Hebron Branch Culvert at SR 14



Photo 2: Upstream of SR 14 Culvert



Photo 3: Stream 2 Downstream of SR 14



Photo 4: Upstream of SR 14



Photo 5: Wetland Right of SR 14

